



# COMMONWEALTH of VIRGINIA

## DEPARTMENT OF FORENSIC SCIENCE

CENTRAL LABORATORY  
A Nationally Accredited Laboratory

700 NORTH 5TH STREET  
RICHMOND, VIRGINIA 23219  
(804) 786-6971

### CERTIFICATE OF INSTRUMENT ACCURACY

INSTRUMENT: Intox EC/IR II  
SERIAL NUMBER: 010468  
CERTIFICATION DATE: September 25, 2013  
DATE RECERTIFICATION DUE: March 24, 2014

The above listed instrument was found to meet all requirements for accuracy and performance established by the Department of Forensic Science. This certification is valid from the above listed certification date until the above listed date for recertification.

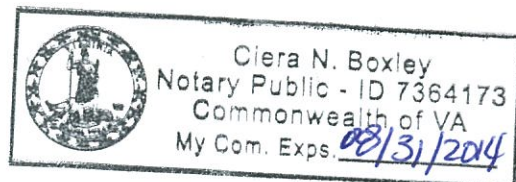
Melissa Kennedy  
Program Manager, Calibration & Training

CITY OF RICHMOND  
COMMONWEALTH OF VIRGINIA

The foregoing was acknowledged before me this 4th day of October, 2013 by Melissa Kennedy

Ciera N. Boxley, Notary Public

My commission expires: August 31, 2014



Department of Forensic Science  
Breath Alcohol Section  
Instrument Location History  
1/1/1990 To 9/26/2013

TLW

MSR

Instrument Serial Number: 010468

As of 26-Sep-13

Start Date	End Date	Agency Name
25-Sep-13		Fairfax County PD
14-Dec-12	25-Sep-13	DFS Central Lab
24-Oct-12	14-Dec-12	Prince William County PD
13-May-08	24-Oct-12	DFS Central Lab

Department of Forensic Science  
Breath Alcohol Section  
Instrument Maintenance History  
1/1/1990 To 9/26/2013

TLN  
9-30-13

WJH

Instrument Serial Number: 010468 As of 26-Sep-13

Maintenance Date	Certification Date	Technician Initials	Remarks
25-Sep-13	25-Sep-13	TLN (25387)	CERTIFIED.
23-Sep-13	23-Sep-13	HMS (18910)	FIRMWARE/SOFTWARE UPGRADE, CALIBRATED AND CERTIFIED.
06-Dec-12	06-Dec-12	HMS (18910)	CERTIFIED, REPLACED DRY GAS STANDARD.
24-Oct-12	24-Oct-12	HMS (18910)	CERTIFIED
16-Oct-12	16-Oct-12	DBH (21250)	FIRMWARE/SOFTWARE UPGRADE, CALIBRATED AND CERTIFIED.
13-Jun-12	13-Jun-12	DBH (21250)	CALIBRATED, CERTIFIED AND ACCEPTED.

TLW  
msk

## INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number 010468 Worksheet Start Date 9/25/2013  
Location Fairfax ACD *max 9/30/13 ADC*  
Address 10520 Judicial Drive, Fairfax VA 22030  
DFS Technician Timmy Neece, Jr. License No. 25387  
☐ Laboratory ☒ On-Site

### Site Specifications

Yes No

**1 Secured Environment:**

Location must not be accessible to the general public.

☒ ☐

**2 Environment free from contaminants**

☒ ☐

**3 Dedicated telephone line:**

The phone line should be used solely by the instrument.

☒ ☐

**4 Adequate Ventilation:**

Enough space must be provided for the instrument and the printer to allow for adequate ventilation.

☒ ☐

**5 Stable temperature controls:**

The instrument should not be exposed to direct sources of temperature variation.

☒ ☐

**6 115VAC power source:**

Whenever possible instrument power circuit should not be shared with refrigerators, copy machines or other high amperage devices.

☒ ☐

**7 Room Condition:**

The site should be free of excessive moisture, heat and dust.

☒ ☐

	Old serial no.	New serial no.	Supplies
E-Seek		2000104201	Mouthpieces
Keyboard		7HHZ156873	Certificates of Analysis
Printer		8ETJXH62423	Operator Worksheet
UPS		8B0740R19788	Other:

Maintenance (if any)

Comments (if any)

Instrument installed at Fairfax ADC.



Instrument Serial Number 010468

Certification Date 9/25/2013

Instrument Barometer (mm HG) 747

Reference Barometer (mm HG) 748

Reference Barometer(RB)Serial # 009111

RB Calibration Due 5/23/2014

Standard (sea level)	PA Target	minimum	maximum	Sample 1	
0.250	0.246	0.238	0.253	Sample 2	0.246
Precision		sample min	sample max	Sample 3	0.246
0.002		0.246	0.248		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	
0.150	0.147	0.142	0.151	Sample 2	0.148
Precision		sample min	sample max	Sample 3	0.148
0		0.148	0.148		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	
0.080	0.079	0.076	0.082	Sample 2	0.079
Precision		sample min	sample max	Sample 3	0.079
0		0.079	0.079		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	
0.020	0.020	0.017	0.023	Sample 2	0.019
Precision		sample min	sample max	Sample 3	0.019
0		0.019	0.019		

all measurements are in g/210L

Estimation of Uncertainty of Measurement and traceability records are located within the Breath Alcohol Section

☐ Calibrated☒ Certified☐ Replaced dry gas standard (+O-ring)

Dry gas standard Lot No. (with tank no.)

AG210901-09

☒ Measurement Assurance Check☒ Run a Breath Test (Instrument Test)

(successful completion denotes satisfactory condition of the item)

Standard (sea level)	PA Target	minimum	maximum	Sample 1	
0.100	0.098	0.095	0.101	Sample 2	0.098
Precision		sample min	sample max	Sample 3	0.098
0		0.098	0.098		

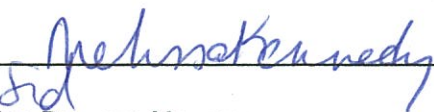
DFS Technician



Date

9-26-13

Issuing Analyst



Date

9/30/13

Intox EC/IR II QA Worksheet  
 Issued by Calibration and Training Program Manager  
 Issue Date: 4-March-2013

DFS Document 250-F113  
 Revision 6  
 Page 2 of 2

Intox EC/IR-11: Certification

Department of Forensic Science

Serial Number: 010468 Test Number: 783  
Test Date: 09/25/2013 Test Time: 14:07 EDT

Technician Initials: TLN

Dry Gas Target: 0.246

Lot Number: 0651225015-02 Exp Date: 04/01/2014

Tank Pressure: 708 psi Barometric Pressure: 747 mmHg

System Check: Passed

Test	g/210L	Time
DIAG	Pass	14:08
BLK	0.000	14:08
CHK	0.248	14:09
BLK	0.000	14:10
CHK	0.246	14:11
BLK	0.000	14:13
CHK	0.246	14:13
BLK	0.000	14:15

Success

Standard Value (at sea level): 0.250 g/210L

Certification Status: Continued

TLN  
WJH

**Intox EC/IR-11: Certification**

*Department of Forensic Science*

Serial Number: 010468      Test Number: 784  
Test Date: 09/25/2013      Test Time: 14:18 EDT

Technician Initials: TLN

Dry Gas Target: 0.147

Lot Number: 0651215014-06      Exp Date: 04/01/2014

Tank Pressure: 159 psi      Barometric Pressure: 747 mmHg

System Check: Passed

Test	g/210L	Time
DIAG	Pass	14:19
BLK	0.000	14:19
CHK	0.148	14:20
BLK	0.000	14:21
CHK	0.148	14:22
BLK	0.000	14:23
CHK	0.148	14:24
BLK	0.000	14:25

**Success**

Standard Value (at sea level): 0.150 g/210L

Certification Status: Continued

TLN

Wdk

**Intox EC/IR-11: Certification**

*Department of Forensic Science*

Serial Number: 010468      Test Number: 785  
Test Date: 09/25/2013      Test Time: 14:28 EDT

Technician Initials: TLN

Dry Gas Target: 0.079

Lot Number: 0651208012-06      Exp Date: 04/01/2014

Tank Pressure: 203 psi      Barometric Pressure: 747 mmHg

System Check: Passed

Test	g/210L	Time
DIAG	Pass	14:28
BLK	0.000	14:29
CHK	0.079	14:30
BLK	0.000	14:31
CHK	0.079	14:32
BLK	0.000	14:33
CHK	0.079	14:34
BLK	0.000	14:35

**Success**

Standard Value (at sea level): 0.080 g/210L

Certification Status: Continued



TLN  
WDL

**Intox EC/IR-11: Certification**

*Department of Forensic Science*

Serial Number: 010468      Test Number: 786  
Test Date: 09/25/2013      Test Time: 14:38 EDT

Technician Initials: TLN

Dry Gas Target: 0.020

Lot Number: 0651202011-07      Exp Date: 04/01/2014

Tank Pressure: 296 psi      Barometric Pressure: 746 mmHg

System Check: Passed

Test	g/210L	Time
DIAG	Pass	14:38
BLK	0.000	14:39
CHK	0.019	14:40
BLK	0.000	14:41
CHK	0.019	14:42
BLK	0.000	14:43
CHK	0.019	14:44
BLK	0.000	14:45

**Success**

Standard Value (at sea level): 0.020 g/210L

Certification Status: Success

TLN  
NBL

**Intox EC/IR-11: Accuracy Check**

*Department of Forensic Science*

Serial Number: 010468      Test Number: 787

Test Date: 09/25/2013      Test Time: 14:48 EDT

Dry Gas Target: 0.295

Lot Number: AG322702-03      Exp Date: 08/15/2015

Tank Pressure: 428 psi      Barometric Pressure: 146 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	14:49
CHK	0.298	14:50
BLK	0.000	14:51
CHK	0.297	14:52
BLK	0.000	14:53
CHK	0.297	14:54

Test Status: *Success*

Calibration CRC: 21A2382B

TLV

MSL

**Intox EC/IR-11: Accuracy Check**

*Department of Forensic Science*

Serial Number: 010468      Test Number: 788

Test Date: 09/25/2013      Test Time: 14:58 EDT

Dry Gas Target: 0.098

Lot Number: AG210901-09      Exp Date: 04/18/2014

Tank Pressure: 634 psi      Barometric Pressure: 746 mmHg

System Check: Passed

Test	g/210L	Time
BLK	0.000	14:58
CHK	0.098	14:59
BLK	0.000	15:01
CHK	0.098	15:02
BLK	0.000	15:03
CHK	0.098	15:04

Test Status: Success

Calibration CRC: 21A2382B




COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF FORENSIC SCIENCE

CERTIFICATE OF BLOOD ALCOHOL ANALYSIS  
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

NAME OF ACCUSED <b>INSTRUMENT, TEST,</b>	NAME OF COURT <b>DFS</b>
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BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY <b>NEECE, JR., TIMMY, L</b>		AGENCY <b>DFS Central Lab</b>
DFS LICENSE NUMBER <b>25387</b>	LICENSE EXPIRES <b>10/01/2014</b>	DATE TEST CONDUCTED <b>09/25/2013</b>
TEST EQUIPMENT NUMBER <b>010468</b>		

RESULTS: TIME SAMPLE TAKEN 15:12 EDT

SAMPLE'S ALCOHOL CONTENT 0.00 GRAMS PER 210 LITERS OF BREATH

ATTEST:

I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 20 \_\_\_\_\_.

BREATH TEST OPERATOR
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☐ I HAVE RECEIVED A COPY OF THIS CERTIFICATE OF ANALYSIS \_\_\_\_\_  
SUBJECT'S SIGNATURE

☐ SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS \_\_\_\_\_  
OPERATOR'S SIGNATURE



# IntoxNet MIS Report

Report Generated 26 Sep 2013 at 08:05

TLN

hoss

## Test Results

Instrument Serial Number 010468

Test # 000789 Subject Test

Test Location 1 Department of  
Test Date 25 Sep 2013

Test Location 2 Forensic Science  
Test Time 15:06  
Remote/Local Local

Test Location 3  
System Check Passed

Operator's Last Name NEECE, JR.  
Agency DFS Central Lab

Operator's First Name TIMMY

Operator's Middle Initial L  
License Number 25387

Card Serial Number 125387

Effective Date 10/01/2012

Expiration Date 10/01/2014

Subject's Last Name INSTRUMENT

Subject's First Name TEST

Subject's Middle Initial

Subject's Date of Birth 00/00/0000

Subject's Sex Male

Driver's License Number

Driver's License Expiration 00/00/0000

Driver's License State

Court Name DFS

End Date 25 Sep 2013 End Time 15:13

Result Time 15:12

Result Date 25 Sep 2013

Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 15:06

Data Type BLK

Sample Value 0.000

Sample Time 15:07

Data Type CHK

Sample Value 0.098

Sample Time 15:08

Data Type BLK

Sample Value 0.000

Sample Time 15:09

Data Type SUBJ

Sample Value 0.000

Sample Time 15:10

Data Type BLK

Sample Value 0.000

Sample Time 15:11

Data Type SUBJ

Sample Value 0.000

Sample Time 15:12

Data Type BLK

Sample Value 0.000

Sample Time 15:13

Standard Type Dry Gas Std

Standard Value 0.098

Standard Lot Number AG210901-09

Standard Expiration Date 04/18/2014

Tank Pressure 625

Barometric Pressure 746 mmHg

Blow Sample Number 1 Blow Duration 3.44 sec

Blow Volume 1773 cc End-of-Blow Time 15:10

Blow Sample Number 2 Blow Duration 4.14 sec

Blow Volume 1757 cc End-of-Blow Time 15:12

Tamper Evident Stamp 055e61f3

Test Status Code 0

Test Status Success